Icom Products and Accessories

ANTENNAS
EARPHONES
CASES
HEADSETS
CHARGERS
BATTERIES
HANDSFREE
MICROPHONES
CABELS

A COMPANY IN THE VHF GROUP

SWEDISH RADIO SUPPLY AB

Icom

ICOM, THE WIRELESS COMMUNICATION

Icom Inc. is a company located in Osaka, Japan, and is a manufacturer of wireless communication products. Icom was established in 1954, they have a long record as a trusted manufacturer of land mobile radio, amateur radio, marine radio, navigation products, aviation radio and communications receivers.

ICOM QUALITY AND ICOM RELIABILITY

Over 50 years of engineering and production exellence is a part of every Icom product. Using the latest equipment, Icom radios are tested to pass rigorous in-house tests as well as environmental tests to the US Military standard 810 specifications. Icom´s products are also compliant with the European RoHS directive.

MADE IN JAPAN QUALITY

Icom is a rare example of an electronics manufacturer that has not shifted production to lower cost countries, but kept its procuction base 100% in Japan. The Wakayama Icom plant has an advanced production system to produce volume/multimodel wireless communication products.

ICOM, WORLD BRAND NAME

Icom is today recognized as a reliable 2-way radio brand name around the world. There land mobile radios are used by many professional organizations all over the world, like the United States Department of Defense and the U.S. Marine Corp, who chose Icom as the first Japanese company to supply radios to them.

ICOM´S WORLDWIDE NETWORK

Icom products are sold in over 80 countries in the world. Icom has an international sales and service network around the world and with a production capacity of over 1.300.000 units/year they are considered as a market leader in 2-way radio communication products.

IDAS

THE GRASS
REALLY IS
GREENER ON
THE OTHER SIDE
The Time Is NOW!

Index

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PRO EQUIP

The PROEQUIP series is a product line specially designed to meet the high demands from the market. The accessories have a robust and waterproof construction and all contacts is extra strengthen to endure more stress. PROEQUIP is constructed to meet IP-65.

IC-F3002/F4002

SIMPLE OPERATION FOR INSTANT COMMUNICATION

The IC-F3002 series is so easy to use there's no special training required. The few knobs and buttons are generously sized for easy operation and are designed to provide non-slip, positive action – even while wearing gloves.

INFO

DESCRIPTION	ART.NO
IC-F3002	80117
IC-F4002	80118

Handportabel

Easy to hear in noisy areas

The built-in bridge-tied load (BTL) amplifier offers powerful 800mW* audio output from the large 45mm speaker. The radio delivers loud and intelligible audio even in noisy environments.

Longer operating time

A new high efficiency FET of the IC-F3002 series reduces consumption current and provides 20 hours* of operating time with the BP-265, 2000mAh battery pack. *Tx:Rx:Standby=5:5:90. Power save function ON.

Weather resistant, dust protection, military rugged

While the radio is a compact unit with a height of only 111mm, the radio is tested to dust protection and water resistant equivalent to IP54 and 11 categories of MILSTD- 810 environmental test. In short, the IC-F3002 series is built rugged!

Internal VOX capability for hands-free operation

The radio has the internal VOX capability for hands-free operation. Optional compatible headset with plug adapter cable OPC-2004 can be used with the radio. Also, the VOX gain and VOX delay time are adjustable.

IC-F3002/ IC-F4002

UNIVERSAL KIT – THE CUSTOMERS CHOICE

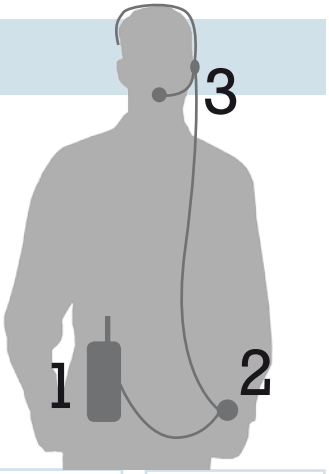
1 Your radio

2 Choose PTT solution

You have two PTT options to choose between. If you like a standard rugged PTT which you can put in your belt you go for the PRO-PTT Box and if you prefer to have a finger PTT solution you can use the PRO-2 Wire.

3 Choose Audio solution

Choose your Audio (microphone & speaker) - The flexibility of the system enables you to choose from a wide range of solution and also maybe have several kits that you can alternate between depending on your needs.



1 Radio

2 PTT

PRO PTT-box 25LS
Robust PTT with screwed contact (2,5 mm female)

29157

PRO-2 Wire PTT LS
(2,5 mm female for headset, 3,5 mm for finger PTT)

29209

3 Headset (2,5 mm 3-pole connector)

HS-95
Robust behind-the-head-type

90495

HS-97
Behind-the-head-type

90497

HS-94
Earhook type with boom microphone

90494

PRO-BONE 25L
Bone Conduction earphone

29213

PRO-Surveillance 25L
Acoustic earphone with lapel microphone

29214

PRO-GMS style 25L
Cellular type of mini headset solution

29215

PRO-LWB 25L
Light Weight Headset Behind head

64328

PRO-LWO 25L
Light weight headset Over head

72240

Accessories IC-F3002/ F4002

STANDARD ANTENNAS

FA-SC55V
150-174MHz

90805

FA-SC57U
430-470MHz

90807

CUTTABLE ANTENNAS

FA-SC61VC
136-174MHz

90861

FA-SC61UC
380-520MHz

90860

STUBBY ANTENNAS

FA-SC57VS
160-174MHz

90857

FA-SC73US
450-490MHz

90873

BATTERIES

BP-265
Battery7.4V 2000MAh
Li-Ion

91265

BP-263 Alcaline
Battery Case
(AAx6pcs) for

91263

CHARGER

BC-193
Desktop Charger
for BP-265

93193

MULTI CHARGER

6-Slot rack for
BC-197 incl.
powersupply

93198

CABLES FOR CHARGERS

CP-23L
Cig cable for
charger

89016

OPC-515L
DC cable for
charger

92515

MB-F3002
Car charger
Handles12V-24V

89276

SPEAKER MICROPHONES AND PTT KIT

HM-159L
Robust RSM,screw-
type connection

94149

PRO-SP 380LS
Midsize RSM
screw-type
connection

29203

PRO-U600LS
Universal, 2
earpieces screw-type
connection

29134

PRO-P180LS
Mini PTT with
acustic airtube

29199

EARPHONES

PRO-D30L Earpiece
with 3.5 mm/L
shaped contact

29149

PRO-AT35L
acustic airtube,
3,5 mm/L and quick
connect airtube

29206

OTHER ACCESSORIES

Rubber Eartip
for acustic airtube
(10 pcs/set)

60253

Open insert 3-pack
left/right ear (S,M,L)
EFI-L/EFI-R

60278/60279

Open harness
3 strap version
for good comfort

91169

Leather Case
F3002/F4002
w. Swivel

91954

Nylon Case
F3002/F4002
w. Swivel

91953

AD-98FSC
Antenna adapter

93098

IC-F3022/4022 | F34/F44

BUILT TO LAST, BUILT TO WORK!

These series are designed to provide simple operation for everyone but it is also a powerful and reliable radio for your daily business. Its very durable construction is resistant to shock and vibration. The IC-F3022/IC-F34 series will easily exceed your expectations.

INFO

DESCRIPTION	ART.NO
IC-F34GS	83453
IC-F34GT	83403
IC-F44GS	80485
IC-F44GT	80435
IC-F3022T	83024
IC-F4022T	82024

Handportabel

Tough and reliable construction

These radios are built around an aluminum die-cast chassis and covered with a tough polycarbonate casing. They are built to last. Its dual slide rail securely locks the battery to the radio. The belt clip is clamped between the radio and the battery, making it nearly impossible to knock loose.

Simple operation

Having only a few buttons and distinctive volume and channel knobs, the IC-F3022/ IC-F34 series does not require special training to use. Positive button action for sure operation even when wearing gloves, allows you to get down to the business of communicating without fuss.

Lithium-Ion battery pack

The radios are supplied with a large Li-Ion battery pack which provides long operating time. An optional battery case provides a great assurance in an emergency.

IC-F3022/T4022T | IC-F34GS/ F44GS | IC-F34GT/ F44GT

UNIVERSAL KIT – THE CUSTOMERS CHOICE

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2 Choose PTT solution

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Choose your Audio (microphone & speaker) - The flexibility of the system enables you to choose from a wide range of solution and also maybe have several kits that you can alternate between depending on your needs.

1 Radio

2 PTT

PRO PTT-box 25LS
Robust PTT with screwed contact (2,5 mm female)

29157

PRO-2 Wire PTT LS
(2,5 mm female for headset, 3,5 mm for finger PTT)

29209

3 Headset (2,5 mm 3-pole connector)

HS-95
Robust behind-the-head-type

90495

HS-97
Behind-the-head-type

90497

HS-94
Earhook type with boom microphone

90494

PRO-BONE 25L
Bone Conduction earphone

29213

PRO-Surveillance 25L Acoustic earphone with lapel microphone

29214

PRO-GMS style 25L
Cellular type of mini headset solution

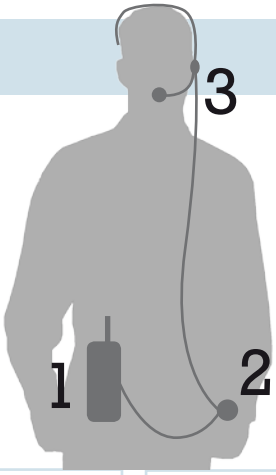
29215

PRO-LWB 25L
Light Weight Headset Behind head

64328

PRO-LWO
25L Light weight headset
Over head

72240



Accessories IC-F34/F44

STANDARD ANTENNAS

FA-SC55V
150-174MHz

90805

FA-SC57U
430-470MHz

90807

CUTTABLE ANTENNAS

FA-SC61VC
136-174MHz

90861

FA-SC61UC
380-520MHz

90860

STUBBY ANTENNAS

FA-SC57VS
160-174MHz

90857

FA-SC73US
450-490MHz

90873

BATTERIES

BP-232N
(Li-Ion)
7.4V/2000mAh

91232

BP-240
AAA (LR03)x6 cells

91240

CHARGER

BC-160
Standard charger

93160

UNIVERSAL CHARGER

BC-121N
Universal charger
6 slot

93121

BC-157
AC Adapter for
BC-121N

93157

AD-106(x6)
Adapter for
F15/F34

93106(x6)

MB-F34
Car charger
Handles12V-24V

89286

CABLES FOR CHARGERS

CP-23L
Cig cable for
charger

89016

OPC-515L
DC cable for
charger

92515

SPEAKER MICROPHONES AND PTT KIT

HM-159L
Robust RSM,screw-
type connection

94149

PRO-SP 380LS
Midsize RSM
screw-type
connection

29203

PRO-U600LS
Universal, 2
earpieces screw-type
connection

29134

PRO-P180LS
Mini PTT with
acustic airtube

29199

EARPHONES

PRO-D30L Earpiece
with 3.5 mm/L
shaped contact

29149

PRO-AT35L
acustic airtube,
3,5 mm/L and quick
connect airtube

29206

OTHER ACCESSORIES

Rubber Eartip
for acustic airtube
(10 pcs/set)

60253

Open insert 3-pack
left/right ear (S,M,L)
EFI-L/EFI-R

60278/60279

Nylon case
With belt hanger
for F34-series

91161

Leather case
With belt hanger

91143

Open harness
3 strap version
for good comfort

91169

AD-98FSC
Antenna adapter

93098

Car holder
for F34-series

89287

IC-F51V/F61V

NEVER MISS IMPORTANT CALLS

The IC-F51V series offers loud audio, vibration alert and voice recorder functions that let you catch every call. Furthermore, the IC-F51V offers a compact dust and waterproof package that provides reliable communications, and is easy to use in nearly any environment.

INFO

DESCRIPTION	ART.NO
IC-F51V	85212
IC-F61V	85213

Handportabel

Vibration alert function

When a important call is received, the radio vibrates powerfully enough to be felt through heavy clothing.

8 minute voice recorder

When a pre-programmed call is received, the voice recorder automatically starts recording the incoming message. You will not miss an important call even when you are temporarily away from the radio.

IP67, dust-tight and waterproof protection

The IC-F51V series can withstand submersion in 1m depth of water for up to 30 minutes and has dust-tight construction that prevents the ingress of dust.

700mW (typical) audio output with internal speaker

The IC-F51V series delivers a loud 700mW audio output with the built-in BTL amp. The built-in audio compander provides clear, low noise communications.

IC-F51V/ IC-F61V

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3 Choose Audio solution

Choose your Audio (microphone & speaker) - The flexibility of the system enables you to choose from a wide range of solution and also maybe have several kits that you can alternate between depending on your needs.

1 Radio

2 PTT

PRO PTT-box 25SC
Robust PTT with screwed contact (2,5 mm female)

29156

PRO-2 Wire PTT SC
(2,5 mm female for headset, 3,5 mm for finger PTT)

29212

3 Headset (2,5 mm 3-pole connector)

HS-95
Robust behind-the-head-type

90495

HS-97
Behind-the-head-type

90497

HS-94
Earhook type with boom microphone

90494

PRO-BONE 25L
Bone Conduction earphone

29213

PRO-Surveillance 25L
Acoustic earphone with lapel microphone

29214

PRO-GMS style 25L
Cellular type of mini headset solution

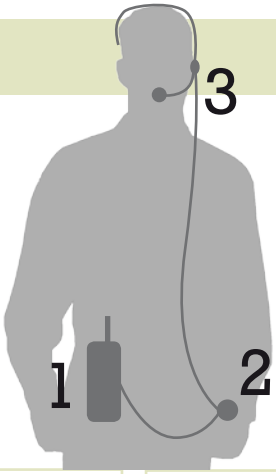
29215

PRO-LWB 25L
Light Weight Headset Behind head

64328

PRO-LWO
25L Light weight headset Over head

72240



Accessories
IC-F51V/F61

STANDARD ANTENNAS

FA-S59V
150-174 MHz

81509

FA-S27U
400-470 MHz

81527

STUBBY ANTENNAS

FA-S63VS
160-174 MHz

90863

FA-S57US
450-490 MHz

90869

HI GAIN ANTENNA

Hi Gain antenna
Center 155MHz
480 mm

86051

BATTERIES

BP-227
Li-Ion
7.4V/1700mAh

91227

BP-226
AA(LR6)x5 cells

91226

MULTI CHARGER 6 SLOT

BC-121N
Universal charger
6 slot

93121

BC-157
AC Adapter for
BC-121N

93157

AD-100
Adapter for
F51/F61

93100

CHARGERS

BC-190
Standard charger

93190

Car charger
Handles12V-24V

89284

UNIVERSAL CHARGER

BC-119
Universal charger

89119

AD-100
Adapter for
F51/F61

93100

CABLES FOR CHARGERS

CP-23L
Cig cable for
charger

89016

OPC-515L
DC cable for
charger

92515

SPEAKER MICROPHONES AND PTT KIT

HM-159SC
Robust RSM

94160

HM-169
IP57 Dustprotected
and waterproof
RSM

94169

HM-170GP
RSM with GPS
reciever IP57

94170

PRO-SP 380SC
Midsize RSM

29217

PRO-U600SC
Universal, 2
earpieces screw-type
connection

29172

PRO-P180SC
Mini PTT with
acustic airtube

29198

EARPHONES

PRO-AT35L
acustic airtube,
3,5 mm/L and quick
connect airtube

29206

PRO-ATSC
acustic airtube

29173

Rubber Eartip
for acustic airtube
(10 pcs/set)

60253

Open insert 3-pack
left/right ear (S,M,L)
EFI-L/EFI-R

60278/60279

OTHER ACCESSORIES

MB-96N
Belt hanger
swivel type

93096

Nylon case
With belt hanger

91165

Leather case
With belt hanger

91142

AD-52
Earphone adapter

90152

Car holder
for F51/F61

89285

IC-F3162/F4162

CONVENTIONAL/ DIGITAL MULTI-MODE LAND MOBILE!

Designed and built for advanced communication needs, the ICF3162 series handhelds are feature-rich with built-in multiple signalings and trunking capability. Two optional slots support numerous extension capabilities including IDAS digital operation.

INFO

DESCRIPTION	ART.NO
IC-F3162GS	83162
IC-F3162GT	83163
IC-F4162GS	84164
IC-F4162GT	84162

Handportabel

Dot matrix, multi-function LCD

The IC-F3162 series has a large dot matrix display to show information with high resolution characters. The display can show one line and 12 characters, or two lines and 24 characters. The bottom row shows assigned functions to the [P0] to [P3] buttons.

Loud audio output with BTL amp

The IC-F3162 series employs a BTL amplifier that increases the audio output and the built-in audio compander provides clear, low noise communications.

IDAS, 6.25kHz digital mode ready

The radio supports IDAS 6.25kHz digital mode with the optional UT-126H digital unit.

512 memory channels with 128 zones

The 512 memory channel capacity with 128 zones allows you to divide and store a variety of channel groupings for versatile and efficient fleet management.

IC-F3162T/ F4162GT IC-F3162S/ F4162GS

UNIVERSAL KIT – THE CUSTOMERS CHOICE

1 Your radio

2 Choose PTT solution

You have two PTT options to choose between. If you like a standard rugged PTT which you can put in your belt you go for the PRO-PTT Box and if you prefer to have a finger PTT solution you can use the PRO-2 Wire.

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Bone Conduction earphone

29213

PRO-Surveillance 25L Acoustic earphone with lapel microphone

29214

PRO-GMS style 25L
Cellular type of mini headset solution

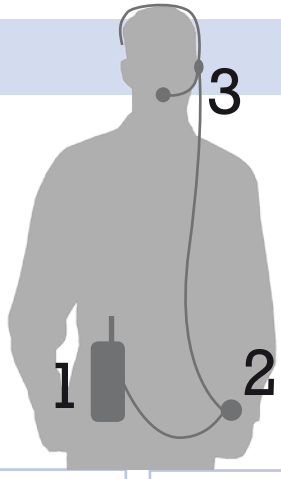
29215

PRO-LWB 25L
Light Weight Headset Behind head

64328

PRO-LWO 25L Light weight headset
Over head

72240



Accessories IC-F3162/ F4162

STANDARD ANTENNAS

FA-SC55V
150-174MHz

90805

FA-SC57U
430-470MHz

90807

CUTTABLE ANTENNAS

FA-SC61VC
136-174MHz

90861

FA-SC61UC
380-520MHz

90860

STUBBY ANTENNAS

FA-SC57VS
160-174MHz

90857

FA-SC73US
450-490MHz

90873

BATTERIES

BP-232N
(Li-Ion)
7.4V/2000mAh

91232

BP-240
AAA (LR03)x6 cells

91240

CHARGERS

BC-160
Standard charger

93160

Car charger
Handles12V-24V

89286

UNIVERSAL CHARGER

BC-119
Universal charger

89119

AD-106
Adapter for
F3162

93106

MULTICHARGER

BC-121N
Universal charger
6 slot

93121

BC-157
AC Adapter for
BC-121N

93157

AD-106
Adapter for
F3162

93106

SPEAKER MICROPHONES AND PTT KIT

HM-159SC
Robust RSM

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HM-169
IP57 Dustprotected
and waterproof
RSM

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HM-170GP
RSM with GPS
reciever IP57

94170

PRO-SP380SC
Midsize RSM
screw-type
connection

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PRO-U600SC
Universal, 2
earpieces screw-type
connection

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PRO-P180SC
Mini PTT with
acustic airtube

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EARPHONES

PRO-AT35L
acustic airtube,
3,5 mm/L and quick
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PRO-ATSC
acoustic airtube

29173

Rubber Eartip
for acustic airtube
(10 pcs/set)

60253

Open insert 3-pack
left/right ear (S,M,L)
EFI-L/EFI-R

60278/60279

MB-96N
Belt hanger
swivel type

93096

Leather case
With belt hanger

91218

AD-52
Earphone adapter

90152

Car holder
for F3162-series

89287

UT-126H
IDAS digital unit

94126

AD-98FSC
Antenna adapter

93098

IC-F5022/F6022 | IC-F5062/F6062 | IC-F1710/F2710

VERSATILE, POWERFUL COMMUNICATIONS

Today's mobile workers need to get information and respond to it immediately, at any time, from any place. The ICOM mobile radios are designed to support critical expectations with reliable communications and versatile features.

Mobile

Large multi-function LCD

All the mobiles has a multi-function LCD with bank name and decoded text, etc. Various status icons for such functions as an S-meter and output power, etc., enhance the array of information available to the user.

Independent volume knob and powerful speaker

All mobiles has a front firing 4W (typ.) speaker providing crisp and clear audio. Independent volume knob offers quick operation.

Rugged construction

Icom mobiles has durable construction resistant to shock and vibration and provides reliable operation under harsh conditions.

Built-in versatile tone signaling

5-Tone, CTCSS, and DTCS encoder/decoder are equipped as standard. Multiple 5-Tone codes are programmable on a channel.

IC-F5022/F6022

IC-F5062/F6062

IC-F1710/F2710

IC-F1810/F2810

INFO

DESCRIPTION	ART.NO
IC-F5022	85022
IC-F6022	85023
IC-F5062	84164
IC-F6062	84162
IC-F1710	81710
IC-F1810	81810
IC-F2710	82710
IC-F2810	82810

Accessories IC-F5022/ F6022, F5062/F6062 F1710/F2710

MOBILE ANTENNAS

Radiator
144-226MHz
68-225MHz

67400/ 67401

Radiator
68-225MHz

67408

Antennabase
5M RG58 open coil

67402

Antennabase
3,65M RG58 UHF

67403

Robust magnetbase
3,65M FMG

67350

FME-UHF contact

67038

SRS-PS100
Desk top chassie

82010

Mascot 9522
Powersupply for
enclosure

49524

Mascot 9460DC/
DC24/12V 10A

49460

SEC-1223
Power supply
13,8VDC
23A

49223

Cabinette
for SEC-1223
suit F5022/6022

58505

Cabinette
for SEC-1223
suit F5062/F6062

58520

Cabinette
for SEC-1223
suit F1710/F1810

58515

HM-152#o2
Microphone

94152

HM-152T12
Microphone

94151

SM-25 Desktop
Microphone

90970

SP-22
External Speaker

90924

SP-24
Powerful external
speaker

90934

DM-1010
Handsfree for
Icom mobiles

88101

DM-6600F
Gooseneck Hands-
free Microphone
89962

89962

VEHICLE MOUNTING

RMK-3
Sep.kit for
IC-F5060-series

89103

RMK-2
Frontpanel Kit
F1810/2810

89102

OPC-609
Sep. cabel for RMK
1,9 m

92609

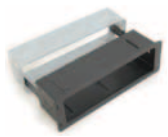
OPC-608
Sep. cabel for RMK
8 m

92608

OPC-607
Sep. cabel for RMK
3 m

92607

VEHICLE MOUNTING

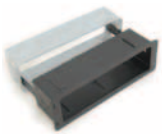


Vehicle Mounting
kit din F5022/6022

82009

Vehicle Mounting
kit din F5062/F6062

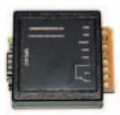
82008



Vehicle Mounting
kit din F1810/F2810

82007

OTHER ACCESSORIES



Horn honk Unit
SRS UX-617

80630

UT-110R
Voice-scrambler
rolling type F5062/
F6062

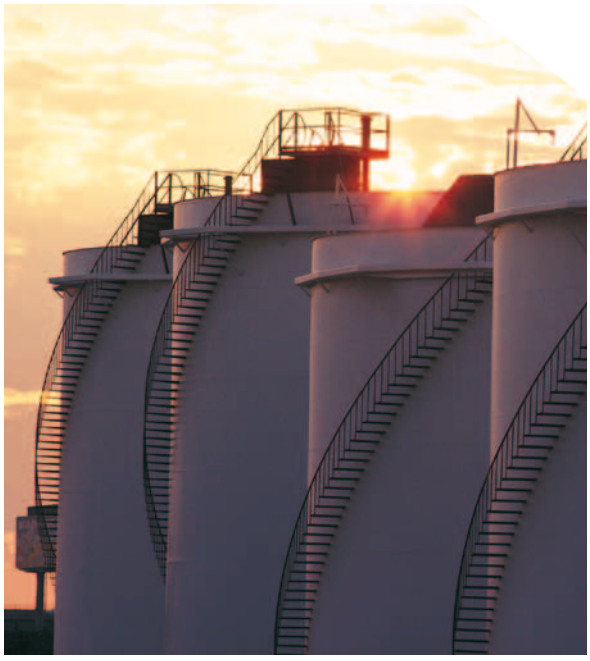
90210

OPC-345
DC Kabel

92345

UT-126H
IDAS digital unit
F5062/F6062

94126



IC-FR3100/FR4100 | IC-FR5100/FR6100

ADVANCED POWERFUL REPEATERS

Icom's repeaters have been designed as advanced heavy duty performers to support all types of commercial radio applications. A host of standard features and guaranteed Icom performance means you'll need to look no further to satisfy your communication needs.

Mobile

25 Watt full duty cycle operation

Employing a high performance power amplifier and effective cooling system, the IC-FR3100/FR5100 provides a stable 25W at full duty cycle operation.

Multiple CTCSS tone decode

The Repeaters detects multiple CTCSS on a channel (up to 16 tones on a table) and downlinks (transmits) the received signal with a specified tone. This function is useful for sharing a channel with multiple groups.

Rugged construction

Icom Repeaters has durable construction resistant to shock and vibration and provides reliable operation under harsh conditions.

Versatile multipin accessory connector

Powerful accessory connector (D-sub 25-pin) for connecting trunking controllers or other external devices

.

UR-FR5100/ FR6100

IC-FR5100/FR6100

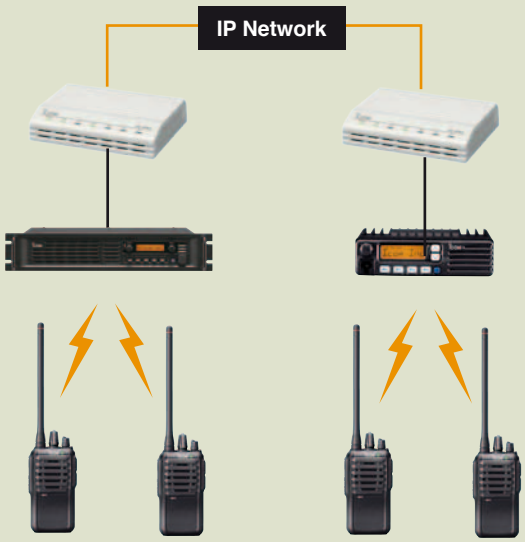
IC-FR3100/FR4100

VE-PG2

Simple, Affordable Radio over IP Gateway

The VE-PG2 is a "Radio over IP Gateway" which connects an analog radio (repeater or transceiver) with another radio over an IP network. By interconnecting two or more radios over an IP network, your communication range can be expanded.

Bridge mode for point-to-point radio connection



INFO

DESCRIPTION	ART.NO
IC-FR3100	83132
IC-FR4100#31	84131
IC-FR4100#33	84133
IC-FR5100	85100
IC-FR6100	86100
UR-FR5100	85101
UR-FR6100	86101
VE-PG2 #12	10123

Accessories
FR3100/
FR4100
FR5100/
FR6100

BASE ANTENNAS

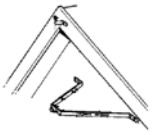
PROCOM

We offer Procom's product programme within base station antennas reflects state-of-the-art modern antenna constructions and comprises active receiver antennas, circular polarised antennas, directional antennas (gain), omni-directional antennas (gain), multiband antennas, yagi antennas & dipole antennas.

MOUNTING KIT

Antenna wall mount bracket

67500



Adjustable antenna mount bracket

49255

Antenna pipe 1,5 m length 38 mm wide

49153

BASE ANTENNAS

GP-160LBN Antenn 145-175MHz 1/4 GP

67405

GP-430 LBN Antenn 380-480MHz

67430

GPA 45-230 1/4- antenna

67404

FM-Dipole Antenna 87-194MHz

67387

Aerial AV 1413 2-stack dipol 146-174MHz

49157

Aerial AV 1915 H- 2-stack dipol 410-470MHz

49162

Aerial AV 1914 H-4-stack 410-470MHz

49161

POWER SUPPLY & CABLES

Mascot 9522 Power supply 13,2VDC 10A

49524

SEC-1223 Power supply 13,8VDC 23A

49223

SEC1223R1 Rackmount Power Supply 13,8VDC 23A FR5100/FR6100

58111

A wide selection of cables for repeater installations (RG-214, RG-223 and 1/2" cables)

Base Station Controller including phone patch & repeater controller

COM50 interfaces to most any base station on the market. Selective calling is supported by standard ZVEI and CCIR tone signalling.

75050

DUPLEX & MOUNTING KIT

A wide selection of VHF Duplexfilers

A wide selection of UHF Duplexfilers

Duplex Mounting Kit IC-FR3100/4100

82179

Duplex Mounting Kit IC-FR5100/6100

45424

TELEPHONE & MOUNTING

MB-77 Wall Mount Bracket IC-FR3100/4100

93077

MB-78 Rack Mount Bracket IC-FR3100/4100

93078

Eldon repeater cabinette 9U

88462

Eldon repeater cabinette 15U

88463

Call Recorder Single Flash

This model is used when keeping recordings for a long time is only occasionally necessary. It has enough memory for either 5 or 10 hours recording time.

49503

OTHER ACCESSORIES

UT-110R Voice-scrambler rolling type

90210

SP-3000 Lightning protector antenna

34512

Lightning protector phone

29027

IDAS SYSTEM

IDAS Features

IDAS™ is Icom's digital land mobile radio system using the NXDN common air interface and offers a complete system of handheld radios, mobile radios, repeaters, network interface/trunking controller, IP-based virtual radio, various accessories and a complete system solution.

IP Network

An IDAS conventional IP network can extend your communication coverage. It lets you connect dispersed sites and allows you to communicate like a single site.

Digital Features

A significant advantage of the IDAS radio is their ability to operate in mixed analog/digital mode. There are a number of configurations available that enable the radio to hear both analog and digital but respond only in one or the other.

Trunking

Icom brings a proven approach to digital trunking by providing the benefits of familiarity, efficiency and cost effectiveness with the complete line of IDAS trunking digital radios.

Audio Clarity

We learned from our long distance telephone carriers that digital circuits allowed us to "hear a pin drop" - something the analog lines could never do. Now the clarity of digital technology has found it's way into two-way radios with IDAS.

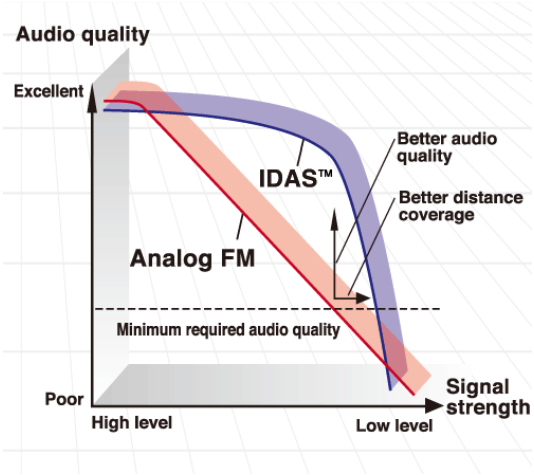
Migration

IDAS allows your company to experience the benefits of digital radio while using your analog channels where they remain. IDAS bridges the systems together so all radios, analog or digital, can talk to one another - a no compromise, seamless migration.

Efficiency

Digital technology is more efficient than analog, meaning more information can be transmitted in a given bandwidth. The time to switch to digital is here for your TV and your radio system. Icom can help you transition to digital radio now.

Analog vs Digital Coverage



INFO

DESCRIPTION	ART.NO
UC-FR5000	85103
CF-FR5000MC	85104
CT-23	85106
RC-FS10	85105
IC-F3162S	83162
IC-F3162T	83163
IC-F4162S	84164
IC-F4162T	84162
IC-F5062	85061
IC-F6062	85064
UT-126H	94126
HM-170GP	94170
UR-FR5100	85101
UR-FR6100	86101
RMS004 incl. map	49966
RMS003 Client	49965

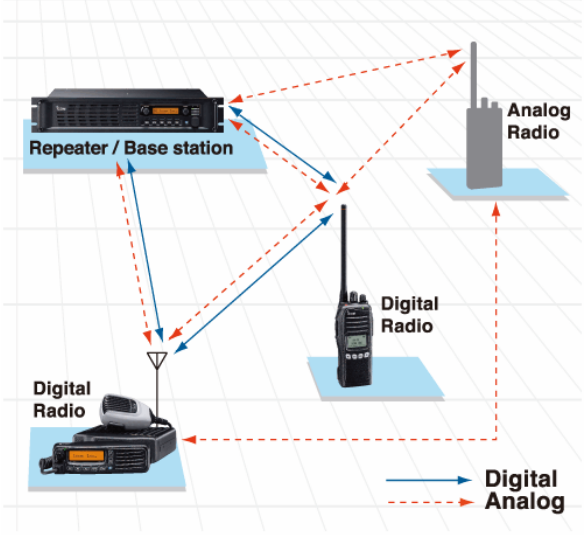
IDAS Products

IC-F3162/F4162

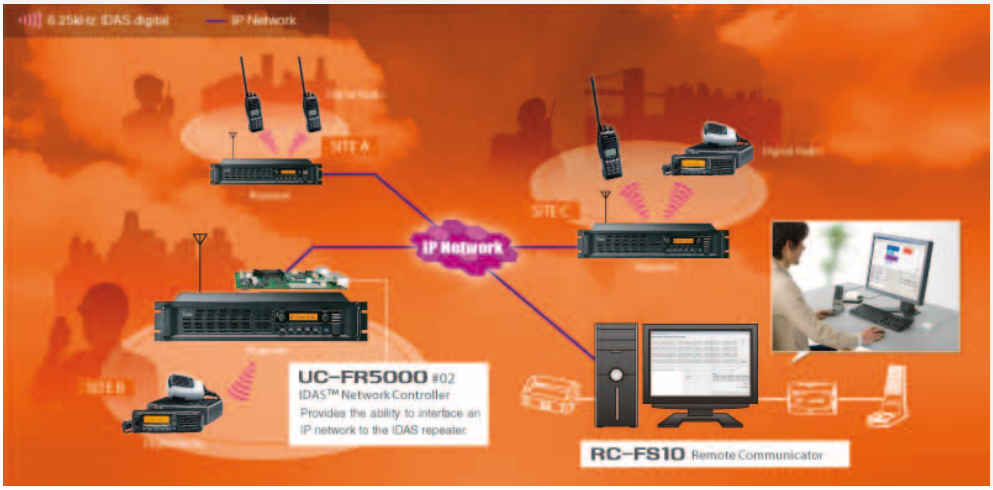
IC-F5062/F6062

IC-FR5100/FR6100

Digital/Analog mixed mode operation



Communication link for distant location



Up to 16 IDAS™ repeaters connection over IP network

With the optional UC-FR5000, up to 16 IDAS™ repeaters can be interlinked with each other. An IDAS terminal radio user can communicate with other IDAS™ terminal radio users belonging to the interlinked repeater sites and/or a virtual dispatch station on the network.

An IDAS™ conventional IP network can extend your communication coverage. It lets you connect dispersed sites and allows you to communicate like a single site.

Shares up to 30 channels with a large number of users

IDAS Trunking

The IDAS digital trunking and network controller board adds digital trunking features and IP repeater control capabilities to the digital IDAS network. The IDAS trunking system is a distributed system, which does not use a dedicated control channel. The IDAS trunking services on any requested channel, and every channel can be used for voice communications, while the repeater is not required to transmit a control signal continuously. The IDAS Trunking system can have up to 30 repeaters (RF units) per site

Dispatcher with a lot of features

RMS-Net is a digital radio management system that integrates voice radio communication, text/status messaging, various security features and a full reporting structure of all radio traffic held on a central computer database.

A major strength of RMS-Net is its reporting features. All radio traffic is logged and stored on a central database. This is ideal for management control and future resource planning including personnel database management.

Easy to set up, easy to use Running under Microsoft Windows operating system, RMS-Net follows Microsoft style for look and feel.

Mapping Options RMS-Net supports online mapping including Google Earth, Openstreet Maps, Bing Maps, Yahoo Maps, MapPoint 2009 and Raster Maps as well as some custom maps.

RC-FS10 Remote Communicator

The RC-FS10 Remote Communicator creates a virtual radio/simple dispatcher on a Windows®-based PC. It allows you to remote access IDAS repeaters via an IP network and communicate with IDAS radio terminals even from outside of the radio coverage area.

TECHNICAL SPECIFICATION

IC-F3002/F4002

GENERAL			IC-F3002	IC-F4002
Frequency coverage			136-174 MHz	400-470 MHz
Number of channels			16	
Channel spacing			12.5/25 kHz	
Current drain	Tx High		1.3A	1.3A
	Rx	Stand-by	70mA	
		Max. audio	330mA	
Dimensions (W×H×D)			58×111×35,5 mm	
Weight (approx.)			270g (with BP-265)	
TX RF output power			5W	4W
RX AF output power			800mW (typ.)	
IP rating			IP-54	
Operation time			20 hours (Tx: Rx: standby = 5:5:90)	

IC-F34/F44

GENERAL			F34	IC-F44
Frequency coverage			136-174 MHz	400-470 MHz
Number of channels			256 ch/16 zones	
Channel spacing			12.5/25 kHz	
Current drain	Tx High		1.5A	1.7A
	Rx	Stand-by	85mA	
		Max. audio	300mA	
Dimensions (W×H×D)			53×120×36.9 mm	
Weight (approx.)			340g (with BP-232N)	
TX RF output power			5W	4W
RX AF output power			500mW (typ.)	
IP rating			IP-54	
Operation time			16/15 hours (Tx: Rx: standby = 5:5:90)	

IC-F51V/F61V

GENERAL			IC-F51V	IC-F61V
Frequency coverage			136–174 MHz	400–470 MHz
Number of channels			128 ch/8 zones	
Channel spacing			12.5/20/25 kHz	
Current drain	Tx High		1.8A	1.8A
	Rx	Stand-by	85mA	
		Max. audio	500mA (Internal speaker)	
Dimensions (W×H×D)			56×97×36.4 mm	
Weight (approx.)			380g (with PB-227)	284g (with BP-227)
TX RF output power			5W	4W
RX AF output power			700mW (typ.) (internal speaker)	
IP rating			IP-67	
Operation time			10 hours (Tx: Rx: standby = 5:5:90)	

IC-F3162/F4162

GENERAL			IC-F3162T/S	IC-F4162T/S
Frequency coverage			136–174 MHz	400–470 MHz
Number of channels			512 ch/128 zones	
Channel spacing			12.5/25	
Current drain	Tx High		1.5A	1.8A
	Rx	Stand-by	150A	140A
		Max. audio	600mA	
Dimensions (W×H×D)			53×136×38.9 mm	
Weight (approx.)			340g /with PB-232N)	
TX RF output power			5W	
RX AF output power			500mW (typ.)	
IP rating			IP-55	
Operation time			14 hours (Tx: Rx: standby = 5:5:90)	

IC-F5022/F6022 | F5062/F6062 | F1710/F1810

GENERAL			IC-F5022	IC- F6022	IC-F5062	IC- F6062	IC-F1710/ IC-F1810	IC- F2710/ IC-F2810
Frequency coverage			136–174 MHz	400-470 MHz	136–174 MHz	400–470 MHz	136–174 MHz	400–470 MHz
Number of channels			128 ch/8 zones		512 ch/128 zones		256 ch/32 zones	
Channel spacing			12.5/20/25 kHz		12.5/20/25 kHz		12.5/20/25 kHz	
Current drain	Tx High		5A		7A		7A	
	Rx	Stand-by	250mA		300mA		600mA	
		Max. audio	0.7A		1.2A		1.2A	
Dimensions (W×H×D)			150×40×117.5 mm		160×45×150 mm		175×45×170 mm	
Weight (approx.)			800g		1.3kg		1.5kg	
TX RF output power			25W		25W		25W	
RF AF output power			4W (typ.)		4W (typ.)		4W (typ.)	

IC-FR3100/FR4100 | FR5100/FR6100

GENERAL			IC-FR3100	IC-FR4100	IC-FR5100/ UR-FR5100	IC-FR6100/ UR-FR6100
Frequency coverage			150–174 MHz	400–430 MHz	136–174 MHz	400–470 MHz
				450–480 MHz		
Number of channels			32 ch		32 ch	
Channel spacing			12.5/25		6.25/12.5/25 kHz	
Power supply			220–240V AC (50/60Hz) or 13.2V DC		13.2V DC	
Current drain	Tx High		10A	12A	7A	
	Rx	Stand-by	1A (typ.)		400mA	
		Max. audio	2A (typ.)		1900mA	
Dimensions (W×H×D)			410×110×360 mm		483×88×260 mm	
Weight (approx.)			12kg		5.6kg	
TX RF output power			25W		25W	
RX AF output power			2.5W (typ.) with a 4Ω load		3.5W (typ.) with a 4Ω load	

VHF Group

The VHF Group AS is an international holding company with head office in Oslo, Norway. The companies that form the VHF Group have been active since the late 1960s. The VHF Group was founded in 1980.

The Group was founded in order to improve our marketing profile and our negotiation position in relation to our suppliers. This in turn has helped us to become more competitive and increase our market share. The Group has companies in Sweden, Norway, Denmark and Poland, as well as exclusive agreements with external agents in Iceland and Finland.

The focus and area of activity of the VHF Group is wireless communications. Our core business is the import and distribution of products and services, as well as related support. Sales to end customers are handled by our broad network of highly skilled resellers.

We are a growth-oriented group of companies with our own competence within marketing, service, support, logistics, IT and administration. We do not conduct costly hardware development and as such we have been able to create a stable financial platform to relay on for the future. We do, however, carry out some changes to our products to ensure that they are suited to the Nordic market and we also do customisation.

An annual turnover of around Euro 30 millions and 68 employees make the VHF Group one of the largest privately-owned wireless communications companies in Scandinavia.

We have a wide range of suppliers and our key contacts include Icom Inc, Sepura, DAMM and Frequentis. We cooperate closely with these suppliers and as a result we have access to feedback from the market, which helps us to meet the ever-changing needs of our customers.

Together with our suppliers, the VHF Group is looking forward to an exciting future where we are in a position to offer the products and services that meet our customers' wireless communication needs in most environments and applications – today and tomorrow.

A COMPANY IN THE VHF GROUP

SWEDISH RADIO SUPPLY AB

SS-EN ISO 9001
SS-EN ISO 14001

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